LAWRENCE BERKELEY NATIONAL LABORATORY 2010 - present

Science/Engineering Associate

Project lead: Small Commercial Demand Response study, Home Area Network concept review, Smart Meter electromagnetic field studies for Michigan Public Utilities Commission, Demand response studies for Navy, Demand response in areas impacted by SONGS outage, Coordinated Rooftop Unit study (with PNNL and ORNL)

Publications

Levy, R., J. Page, C. P. McParland, C. Goldman, M. A. Piette, Assessing Options to Achieve Customer Data Access and Smart Grid Functionality in Home Area Networks. DOE/CEC/LBNL 2013

R. Levy and J. Page, Review of the January 13, 2012 County of Santa Cruz Health Services Agency memorandum: Health Risks Associated with Smart Meters, submitted to Michigan Public Service Commission, April 2012

R. Levy and J. Page, Review of the April 12, 2012 American Academy of Environmental Medicine (AAEM), submitted to Michigan Public Service Commission, April 2013.

Watson, D. S., N. E. Matson, J. Page, S. Kiliccote, M. A. Piette, K. Corfee, B. Seto, R. Masiello, J. Masiello, L. Molander, et al., *Fast Automated Demand Response to Enable the Integration of Renewable Resources,* : CEC/LBNL, 2012

Page, J., S. Kiliccote, J. H. Dudley, M. A. Piette, A. K. Chiu, B. Kellow, E. Koch, and P. Lipkin, *Automated Demand Response Technology Demonstration Project for Small and Medium Commercial Buildings,* : CEC/LBNL, 07/2011

Presentations

R. Levy, J. Page, and C. Goldman, *Smart Meters Health and Safety Issues,* presented to Michigan Public Service Commission, March 12, 2012

BIOELECTROMAGNETICS (BEMS) SOCIETY – Frederick, MD 2006 - present

Managing Editor

Revitalized bi-imonthly publication focusing on science & policy issues for large international scientific society resulting in enhanced member interactions and interdisciplinary collaborations.

UNIVERSITY OF PHOENIX ONLINE – Phoenix, AZ 2003 - 2011

Faculty/Area Chair, Mathematics

Online campus Area Chair through several major program changes. Identified, negotiated, and developed new processes to enhance delivery of accelerated pace online mathematics courses for adults. Developed new ways to deliver time sensitive material to large (over 1,000) geographically dispersed faculty.

SIEMENS ENERGY AND AUTOMATION– Concord, CA and Austin, TX 2002 to 2006

Project Manager/Principal Associate

Coordinated, while maintaining project budget and schedule, contentious national standard development using web-based infrastructure, resulting in enhanced team communication and significantly reduced project costs. Identified resource allocation solutions for multi-disciplinary teams in offices across US.

Initiated new international business line to respond to infrastructure needs of very large metropolitan areas through coordination of Siemens technologies.

METROPOLITAN TRANSPORTATION COMMISSION – Oakland, CA 1999 to 2002

Project Lead: ITS Regional Architecture

Successfully developed a long delayed, federally mandated, regional program involving stakeholders from over 50 outside agencies. Initiated procurement, developed RFP, engaged wide range of stakeholders through large review process that resulted in unanimous agreement on contractor selection.

- Negotiated significant contract change to capture escrowed funds (30% of project value)
- Quickly resolved detailed contractual issues for a stalled 15-party regional project
- Invited member of national ITE ITS Education planning program to improve course content and expand program

BECHTEL CORPORATION RESEARCH & DEVELOPMENT – San Francisco, CA 1988 to 1999

Senior Scientist/Program Manager - Advanced Civil Systems

Identified new areas for future corporate positioning; created proposal teams; developed technical presentations on variety of technical subjects; created new award winning business line.

- Staff expert on electromagnetic field issues of superconducting magnetic energy storage (SMES) project
- Work with Buildings and Infrastructure and Aviation (landside) groups to identify building technologies of the future (Technopolis) and develop special technical projects to develop new corporate expertise
- Created mathematical model of electromagnetic field interactions and coordinated experimental confirmation; resulted in award of two US patents, numerous peer-reviewed publications, and technical excellence awards from EPA and Bechtel.
- Played key role in investigations of maglev technologies and feasibility studies as environmentally appropriate transportation technology; led national workshop for Transportation Research Board.
- Developed Society and Institutional Issues component of Automated Highway Systems program (nine company consortium with Bechtel, GM, Carnegie Mellon, and others). Identified liability as showstopper for program, then designed and implemented national meeting to produce new understandings and agreements between key stakeholders resulting in national demonstration program.
- Invited participant in R&D forum to provide strategic advice to senior management

LUTECH, INC. – Lafayette, CA 1985 to 1988

Scientist/Program Manager (Secret clearance)
Coordinated US Department of Energy funded verification of mathematical model of impact of electromagnetic pulse on civilian power grid. Supervised staff performing detailed large scale technical experiments. Managed all project budgets and schedules.

PROFESSIONAL MEMBERSHIPS & ACHIEVEMENTS

IEEE, ADR-NC (Alternative Dispute Resolution – Northern California);
Reviewer for numerous technical journals; Editorial Board (2001-2008) Bioelectromagnetics journal
Awarded 2 US Patents for development of mathematical model: biological effects of electromagnetic fields.
Over thirty peer-reviewed technical publications related to electromagnetic field interactions.

EDUCATION

M.S., Electrical Engineering (Electrophysics specialization), University of New Mexico, Albuquerque, NM
B.S., Mathematics, Minor in Astrophysics, University of New Mexico, Albuquerque, NM
Certificate in Mediation/Dispute Resolution, University of California/Berkeley (extension)